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 TI - TRUNK CONTROL SYSTEM  
 IN - KUMASHIRO ASUHIKO; MIYOSHI SHIGE; SANBE TAKESHI; ASAKURA JIYUNJI; OOSAKI  
 TAKAAKI  
 PA - OKI ELECTRIC IND CO LTD; FUJITSU LTD; HITACHI LTD; NIPPON ELECTRIC CO; NIPPON  
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 PA - FUJITSU LTD; others: 04  
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 AB - PURPOSE: To reduce the number of control lines to a control unit by multiplexing and transmitting information for switching control of the switching point in a trunk unit and information to assign a trunk unit from the control unit, which controls respective trunk units commonly, in time division.  
 - CONSTITUTION: Information for control of switching points of trunk units 20'- 20'm from a CPU and information to assign units 20'-20'm are applied to parallel-series converter circuit 31 of trunk control unit 10' through one control line in time division, and are applied from unit 10' to series-parallel converter circuits 41 of units 20'-20'm in the multiplex. Then, in units 20'-20'm, these information are converted to parallel information, and agreement or disagreement between trunk assignment information and the pulse of timing generation circuit 33 provided correspondingly to the mount position is detected by agreement and disagreement circuit 43; and if they agree with each other, trunk circuit 22 including a switching point is controlled. Information folded and transferred from units 20'-20'm is applied to series-parallel circuit 32 of unit 10' and is converted to parallel information and is applied to agreement and disagreement circuit 34 and is collated with information from CPU1 and is transferred to CPU1.  
 | - H04M3/24 ;H04Q1/20 ;H04Q3/54